

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Spin-valve structure and method for making same

the specification of which is attached hereto

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):

	<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>
1.	EP 988701603	Europe	10 July 1998
2.			

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

	<u>Application Number</u>	<u>Filing Date</u>
1.		
2.		

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

	<u>Application Number</u>	<u>Filing Date</u>	<u>Status: patented, pending, abandoned</u>
1.			
2.			

I hereby appoint the following attorneys and agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Louis J. Knobbe, Registration No. 18,780; Don W. Martens, Registration No. 21,107; Gordon H. Olson, Registration No. 20,319; James B. Bear, Registration No. 25,221; Darrell L. Olson, Registration No. 28,247; William B. Bunker, Registration No. 29,365; William H. Nieman, Registration No. 30,201; Lowell Anderson, Registration No. 30,990; Arthur S. Rose, Registration No. 28,038; James F. Lesniak, Registration No. 25,240; Ned A. Israelsen, Registration No. 29,655; Drew S. Hamilton, Registration No. 29,801; Jerry T. Sewell, Registration No. 31,567; John B. Sganga, Jr., Registration No. 31,302; Edward A. Schlatter, Registration No. 32,297; Gerard von Hoffmann, Registration No. 33,043; Joseph R. Re, Registration No. 31,291; John M. Carson, Registration No. 34,303; Andrew H. Simpson, Registration No. 31,469; Daniel E. Altman, Registration No. 34,115; Anita M. Kirkpatrick, Registration No. 32,617; Ernest A. Beutler, Registration No. 19,901; Vito A. Canuso, Registration No. 35,471; William H. Shreve, Registration No. 35,678; Stephen C. Jensen, Registration No. 35,556; Steven J. Nataupsky, Registration No. 37,688; Michael H. Trenholm, Registration No. 37,743; AnneMarie Kaiser, Registration No. 37,649; Brenton R. Babcock, Registration No. 39,592; Nancy Ways Vensko, Registration No. 36,298; Jonathan A. Barney, Registration No. 34,292; Ronald J. Schoenbaum, Registration No. 38,297; Richard C. Gilmore, Registration No. 37,335; John R. King, Registration No. 34,362; William S. Reimus, Registration No. 38,279; John P. Giezantanner, Registration No. 39,993; Frederick S. Berretta, Registration No. 38,004; Christopher A. Colvin, Registration No. 39,147; Richard Kim, Registration No. 40,046; Glenn R. Smith, Registration No. 38,308; Craig S. Summers, Registration No. 31,430; Robert F. Gazdzinski, Registration No. 39,990; Raimond J. Salenieks, Registration No. 37,924; R. Scott Weide, Registration No. 37,755; Renée E. Canuso, Registration No. 36,657; Michael L. Fuller, Registration No. 36,516; Neil S. Bartfeld, Registration No. 39,901; Daniel E. Johnson, Registration No. 37,033; Katherine W. White, Registration No. 37,470; and Richard E. Campbell, Registration No. 34,790.

Address all telephone calls to at (949) 760 0404

Address all correspondence to Knobbe, Martens, Olson & Bear, 620 Newport Center Drive, 16th floor, Newport Beach, CA 92660, USA.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor : Karen Attenborough

Inventor's signature :

Residence :

Citizenship :

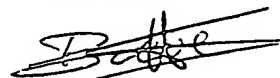
 Date : 7 July 1999
Waversebaan 175/22, 3001 Leuven, Belgium
British citizen

Full name of second inventor : Hans Boeve

Inventor's signature :

Residence :

Citizenship :

 Date : 12 July 1999
Kapellestraat 57, 8940 Wervik, Belgium
Belgian citizen

Full name of second inventor : Jo De Boeck

Inventor's signature :

Residence :

Citizenship :


 Date : 6 July 1999
Hoogstraat 24, 2861 Sint-Katelijne Waver, Belgium
Belgian citizen

Full name of second inventor : Jean-Pierre Celis

Inventor's signature :

Residence :

Citizenship :

 Date : 12 July 1999
Bloesemlaan 21, 3360 Kessel-Lo, Belgium
Belgian citizen


KA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 99,481)

In re Application of:

Attenborough, et al.

Serial No.: 09/351,419

Filed: July 9, 1999

For: Spin-Valve Structure and Method for Making
Spin-Valve StructuresAsst. Commissioner for Patents
Washington, DC 20231

Group Art Unit: 3754

Examiner: Not Yet Assigned

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
(REVOCATION OF PRIOR POWERS)

As an assignee of record of the above identified



REVOCATION OF PRIOR POWERS OF ATTORNEY

all powers of attorney previously given are hereby revoked and

NEW POWER OF ATTORNEY

The undersigned hereby appoints the following:

Dennis A. Bernsten
John J. McDonnell
Daniel A. Boehman
Bradley J. Halbert
Paul H. Berghoff
Grandland G. Drutchas
Steven J. Sarussi
David M. Frischkorn
James C. Cummins
A. Blair Hughes
Thomas A. Fairhall
Emily Miao
Kevin E. Noonan
Leif R. Sigmund, Jr.
Lawrence H. Aaronson
Matthew J. Simpson
Curt J. Whitenack
Christopher M. Cavan
Michael S. Greenfield
Roger P. Zimmerman

Reg. No. 26707
Reg. No. 26949
Reg. No. 28399
Reg. No. 30130
Reg. No. 30243
Reg. No. 32565
Reg. No. 32784
Reg. No. 32833
Reg. No. 32898
Reg. No. 32901
Reg. No. 34591
Reg. No. 35285
Reg. No. 35303
Reg. No. 35680
Reg. No. 35818
Reg. No. 35989
Reg. No. 36054
Reg. No. 36475
Reg. No. 37142
Reg. No. 38670

Anthoula Pannering (agent)
George I. Lee
James M. McCarthy
Jeremy Nee (agent)
Sean M. Sullivan
Amir N. Penn
Patrick J. Halloran (agent)
Joshua R. Rich
Thomas E. Wettermann
Vernon W. Franzelsson
Robert J. Irvine
Richard A. Machonkin
David S. Harper
Stephen Lavavich
Enrique Perez
Marcus J. Thymian
S. Richard Cardon (agent)
Mark Chast (agent)
Stephen H. Decurt

Reg. No. 38805
Reg. No. 39269
Reg. No. 39296
Reg. No. 40104
Reg. No. 40191
Reg. No. 40787
Reg. No. 41053
Reg. No. 41269
Reg. No. 41523
Reg. No. 41762
Reg. No. 41865
Reg. No. 41962
Reg. No. 42636
Reg. No. 43749
Reg. No. 43853
Reg. No. 43954
Reg. No. 44588
Reg. No. 44601
Reg. No. 44659

the mailing address and telephone number of each of whom is McDONNELL BOEHMEN HULBERT & BERGMANN, 300 South Wacker Drive, Suite 3200, Chicago, Illinois 60606, and (312) 913-0001, with full power of substitution and revocation to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. Please direct all correspondence to Amir N. Fann.

EVIDENCE AND CERTIFICATION OF CHAIN OF TITLE

☐ Recorded in PTO on _____

Reel _____
Frame _____

☒ Recorded herewith.

ASSIGNEE CERTIFICATION

In accordance with 37 C.F.R. § 3.73 the assignee hereby certifies that the evidentiary documents with respect to its ownership have been reviewed and that, to the best of assignee's knowledge and belief, title is in the assignee seeking to take this action.

Date: October 28, 1991

Signature _____

Name:
Title:

Moammed W. Wright
By Mandate